

## REMARKS

In paragraph 1 of the Office Action it is indicated that the claims were erroneously misnumbered upon filing the application; specifically, two claims 23 were present, such that misnumbered claims 23, 23, 24 and 25 were present. In paragraph 1 of the Office Action it is indicated that these claims have been renumbered 23-26, and Applicant appreciates the Examiner's renumbering of these claims.

In paragraph 2 of the Office Action it is indicated that claims 23-26 are withdrawn from this application as being drawn to a non-elected invention. Applicant confirms its selection and the withdrawal of claims 23-26.

In paragraph 3 of the Office Action it is indicated that the drawings received on November 3, 2003 are acceptable. Applicant appreciates the review and acceptance of the drawings.

In paragraph 4 of the Office Action the specification is objected to because of the following informalities, stating:

“Different reference numerals refer to the same part. See page 8, line 12, “bias pinning layer 134”, and page 9, line 11, “bias pinning layer 148”. Furthermore, “bias pinning layer 134” is inconsistent with the appearance of the figures.

The same reference numeral refers to different parts. See page 11, lines 16-17, “second pinning layer 82”, and page 8, line 15, “second pinned layer 82”.

Appropriate correction is required.”

Responsive thereto, Applicant has amended the specification to cure the informalities, as is set forth hereabove. Specifically, in the paragraph beginning at page 5, line 14, Applicant has deleted [[84]] and replaced it with 82 in the first sentence thereof. In the paragraph beginning on page 8, line 10, Applicant has deleted [[134]] and replaced it with 148 in the second sentence thereof. In the paragraph beginning on page 11, line 10, Applicant has deleted the word pinning and replaced it with pinned in three places in the last two sentences of the paragraph. Applicant appreciates the Examiner's detailed review of the specification.

In paragraphs 5 and 6 of the Office Action it is indicated that claims 1-22 are allowed. Applicant appreciates the indication of allowable subject matter.

In paragraph 7 of the Office Action further prior art is made of record. Applicant has reviewed the prior art and believes that the claims are patentable thereover.

Having responded to all of the paragraphs of the Office Action, and having amended the claims accordingly, Applicant respectfully submits that the Application is now in condition for allowance. Applicant therefore respectfully requests that a Notice of Allowance be forthcoming at the Examiner's earliest opportunity. Should the Examiner have any questions or comments with regard to this amendment, a telephonic conference at the number set forth below is respectfully requested.

Respectfully submitted,



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**CERTIFICATE OF MAILING (37 CFR 1.8(a))**

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited on July 26, 2005 with the U.S. Postal Service as first class mail in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: July 26, 2005

  
Patricia Beilmann